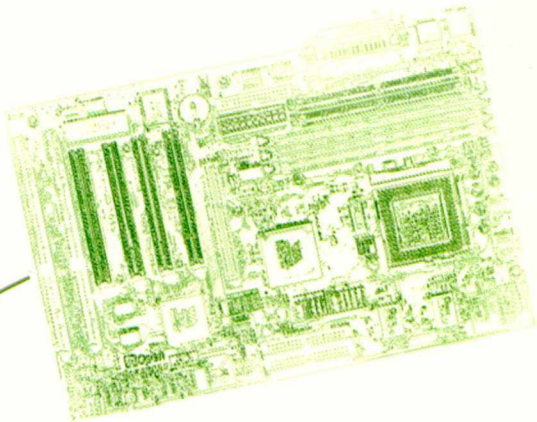


MOTHERBOARD

AX6BC

Quick Installation Guide

Manual CD Included

AOpen®
Component Solutions

Overview

Specification:

CPU	Intel Pentium II / Pentium III / Celeron CPU.
Chipset	Intel 440 BX AGPset.
Architecture	ISA x 3, PCI x 5 and AGP x 1
Cache	On the CPU card.
Memory	DIMM x 3, maximum 768MB.
BIOS	Award Plug-and-Play, 2M bit Flash ROM BIOS.
Onboard I/O	Serial Port x 2, FDD x 2, UDMA/33 IDE x 2 and USB x 2.
Board Size	305 mm x 202 mm

Key Features:

- ❑ Jumper-less Design
- ❑ Battery-less Motherboard
- ❑ Full-range CPU core voltage
- ❑ Support 100MHz FSB and Clock Generator Up to 133 MHz for Overclocker
- ❑ Suspend To Hard Drive
- ❑ Turbo AGP
- ❑ AC Power Auto Recovery
- ❑ Zero Voltage Modem Wake Up
- ❑ LAN Wake Up
- ❑ RTC Wake Up Timer
- ❑ High Efficient Synchronous Switching Regulator
- ❑ Over Current Protection Circuit
- ❑ Keyboard & USB Resetable Fuse Protection
- ❑ CPU and Housing Fan Monitoring
- ❑ CPU Thermal Protection
- ❑ System Voltage Monitoring
- ❑ Support Sound Blaster Link
- ❑ Support DMI Function
- ❑ BIOS Virus Protection
- ❑ FCC DoC & CE Certification
- ❑ AOpen Bonus Pack CD disc (Norton Antivirus Included)

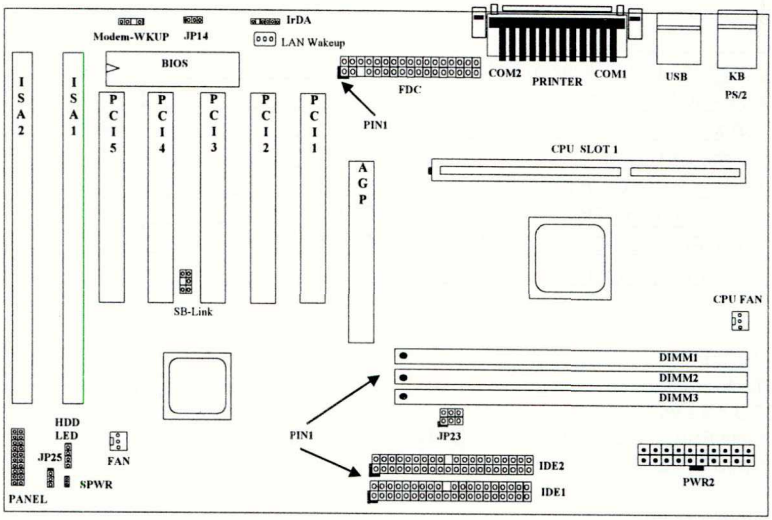
Note: This Quick Installation Guide is only for quick reference. For more information, please refer to the online User's manual in the AOpen Bonus Pack CD disc.

Item Checklist

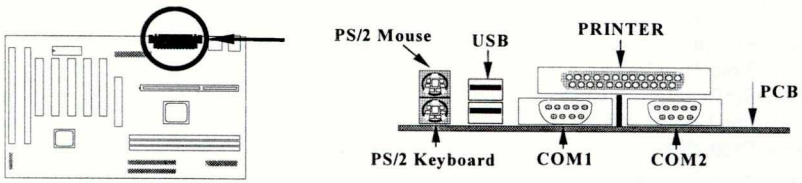
Please check if your package is complete according to the following checklist.

- ☑ Motherboard
- ☑ IDE cables (1)
- ☑ Floppy drive cable (1)
- ☑ Universal Retention Module (1)
- ☑ AOpen Bonus Pack CD disc (1)
- ☑ Quick Installation Guide (1)

Jumper and Connector Locations:



Back Panel:



Jumpers:

JP14:	Clear CMOS
JP23:	AGP Turbo
JP25:	APAR

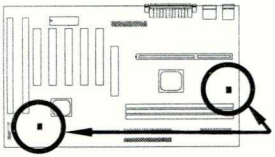
Onboard Connectors:

PWR2:	ATX power connector
FDC:	Floppy drive connector
IDE1:	IDE1 primary channel
IDE2:	IDE2 secondary channel
CPUFAN:	CPU Fan connector
FAN:	Housing Fan connector
IrDA:	IrDA (Infrared) connector
HDD LED:	HDD LED connector
PANEL:	Front panel (Multifunction) connector
SPWR:	ATX Soft-Power Switch connector
MODEM-WKUP:	Modem Wake Up connector
LAN-WKUP:	LAN Wake Up connector
SB-LINK:	Creative PCI sound card connector

Hardware Installation

Please follow the steps below to configure your motherboard.

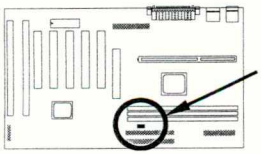
1. Plugging CPU and Connecting CPU Fan

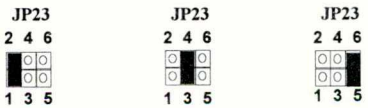


Plug in the fan cable to the 3-pin **CPU FAN** or **FAN** connector. Both of these two fan connectors support hardware monitoring function, however, you can only use the CPU FAN connector to control the fan power ON/OFF.

2. Setting AGP Frequency

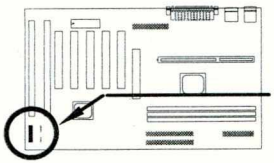
According to the CPU you use, 66MHz AGP frequency is automatically determined by chipset. But this jumper can be used to manually decide AGP frequency when you are overclocking. We recommend choosing a better AGP card for 1/1 AGP turbo overclocking. Some AGP card can not support 100MHz bus frequency.

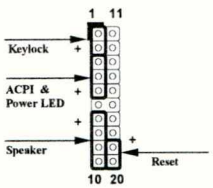




3. Connecting Front Panel Cable

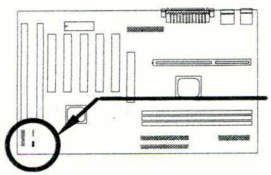
Attach the power LED, keylock, speaker, and reset switch connectors to the corresponding pins. If you enable "Suspend Mode" item in BIOS Setup, the ACPI & Power LED will keep flashing while the system is in suspend mode.





4. Plug ATX Power Cable and ATX Soft-Power Switch.

The ATX soft-power switch connector is a 2-pin header on the system board. Locate the power switch cable from your ATX housing. It is 2-pin female connector from the housing front panel. Plug this connector to the soft-power switch connector marked **SPWR**.



SPWR

5. Plug memory module and FDC and IDE cables.

Be careful of the pin1 orientation. Wrong orientation may cause system damage. Please refer to diagram on page 2.

6. Power On and Load BIOS Setup Default

To enter the BIOS Setup, press [DEL] during POST (Power-On Self Test). Choose "Load Setup Defaults" for recommended optimal performance. Please avoid of using "Load Turbo Defaults", unless you're sure your system components (CPU, DRAM, HDD, etc.) are good enough for turbo setting. For detailed information, please refer to "AWARD BIOS" section in the User's Manual.

7. Setting CPU Core Voltage

This motherboard supports Pentium II VID function, the CPU core voltage is automatically detected, the range is from 1.3V to 3.5V.

8. Setting CPU Frequency

The CPU frequency selection is set by going into:
BOIS Setup → Chipset Features Setup → CPU Clock Ratio
BOIS Setup → Chipset Features Setup → CPU Clock Frequency

Ratio	1.5x, 2x, 2.5x, 3x, 3.5x, 4x, 4.5x, 5x, 5.5x, 6x, 6.5x, 7x, 7.5x and 8x
External Bus Clock	66.8, 68.5, 75, 83.3, 100, 103, 112, 117, 124, 129, 133.3, 138, 143, 148 and 153 MHz

Core frequency = Ratio * External bus clock

INTEL Pentium II	CPU Core Frequency	Ratio	External Bus Clock
Pentium II 233 (Klamath)	233MHz =	3.5x	66MHz
Pentium II 266 (Klamath)	266MHz =	4x	66MHz
Pentium II 300 (Klamath)	300MHz =	4.5x	66MHz
Pentium II 333 (Deschutes)	333MHz =	5x	66MHz
Pentium II 350 (Deschutes)	350MHz =	3.5x	100MHz
Pentium II 400 (Deschutes)	400MHz =	4x	100MHz
Pentium II 450 (Deschutes)	450MHz =	4.5x	100MHz
Pentium III 450 (Katmai)	450MHz =	4.5x	100MHz
Pentium III 500 (Katmai)	500MHz =	5x	100MHz
Celeron 266	266MHz=	4x	66MHz
Celeron 300	300MHz=	4.5x	66MHz
Celeron 300A	300MHz=	4.5x	66MHz
Celeron 333	333MHz=	5x	66MHz

Tip: If your system hangs or fails to boot because of over-clocking, ***simply use <Home> key to restore to the default setting (233MHz).*** *Press <Home> key first and then press power button at the same time. Note that do not release <Home> key until POST screen appears*

Warning: *INTEL 440BX chipset supports maximum 100MHz external CPU bus clock, the higher clock settings are for internal test only.* ***These settings exceed the specification of BX chipset, which may cause serious system damage.***

The following sections are not a must to install this motherboard, they are list here for your reference.

Eliminate "?" Marks in Win95

Win95 can not recognize this chipset, because it was released before Intel 440BX. You can run AOchip.exe from AOpen Bonus Pack to eliminate the "?" marks.

Installing Bus Master IDE Driver

There is no need to install Bus Master IDE driver to support Ultra DMA/33 hard disk. If you need this driver, you can find it in the AOpen Bonus Pack CD disc or our web. Run setup.exe directly to install this program.

Warning: Installing this Bus Master IDE driver may cause Suspend to Hard Drive failure.

How to Upgrade BIOS?

AOpen Easy Flash is more user friendly than traditional flash method. The BIOS binary file and flash routine are combined together and you simply run a single file to complete the flash process.

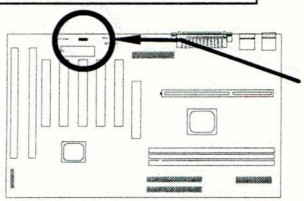
1. Get new BIOS upgrade program from AOpen's web site. For example, AX6BC200.EXE.
2. Reboot the system to DOS mode without loading any memory handler (such as EMM386) or device driver. It needs around 520K free memory space.
3. Execute A:> AX6BC200
   DO NOT turn off the power during FLASH PROCESS.
4. Reboot the system by turn off the power after flash is completed.
5. Reload the "BIOS SETUP DEFAULT" and reconfigure other items as previous set. Save & Exit. Done!

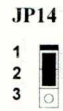
Note: The upgrade of new BIOS will permanently replace your original BIOS content after flashing. The original BIOS setting and Win95/Win98 PnP information will be refreshed and you probably need to re-configure your system.

How to Clear CMOS

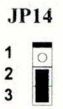
JP14	Clear CMOS
1-2	Normal operation (default)
2-3	Clear CMOS

You need to clear the CMOS if you forget your system password. To clear the CMOS, follow below procedures:





Normal Operation (default)



Clear CMOS

1. Turn off the system and unplug the AC power.
2. Remove ATX power cable from connector PWR2.
3. Locate **JP14** and short pins 2-3 for a few seconds.
4. Return **JP14** to its normal setting by shorting pins 1-2.
5. Connect ATX power cable back to connector PWR2.

Hardware Monitoring

You can install Hardware Monitoring Utility to monitor CPU temperature, fans and system voltage, etc. For more information, please see the online manual in AOpen Bonus Pack CD disc.

Suspend to HDD

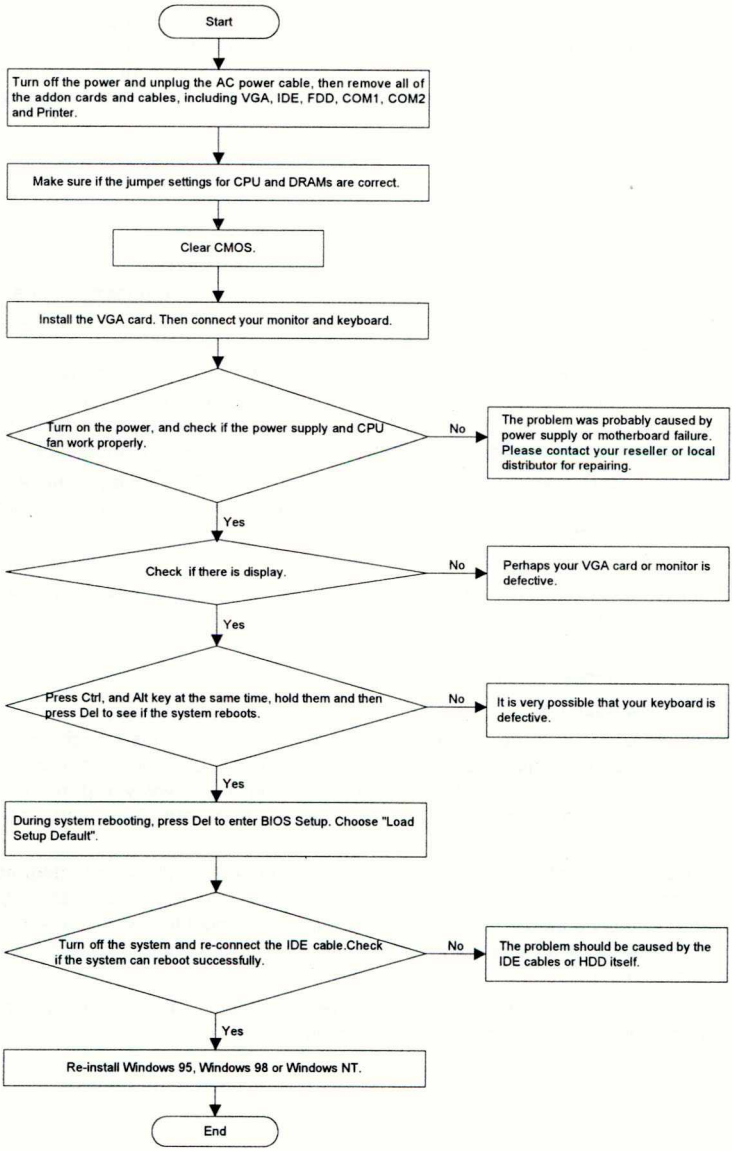
With this function, you can resume your original work directly from hard disk without go through the Win95 booting process and run your application again. For more information, please refer to the online manual in AOpen Bonus Pack CD disc.

Overclocking

If you plan to overclock your system, please read section "1.2 Overclocking" of the online manual first.

Troubleshooting

If you encounter any trouble to boot your system, follow the procedures accordingly to resolve the problem.


Start
Turn off the power and unplug the AC power cable, then remove all of the addon cards and cables, including VGA, IDE, FDD, COM1, COM2 and Printer.
Make sure if the jumper settings for CPU and DRAMs are correct.
Clear CMOS.
Install the VGA card. Then connect your monitor and keyboard.
Turn on the power, and check if the power supply and CPU fan work properly.
No
The problem was probably caused by power supply or motherboard failure. Please contact your reseller or local distributor for repairing.
Yes
Check if there is display.
No
Perhaps your VGA card or monitor is defective.
Yes
Press Ctrl, and Alt key at the same time, hold them and then press Del to see if the system reboots.
No
It is very possible that your keyboard is defective.
Yes
During system rebooting, press Del to enter BIOS Setup. Choose "Load Setup Default".
Turn off the system and re-connect the IDE cable.Check if the system can reboot successfully.
No
The problem should be caused by the IDE cables or HDD itself.
Yes
Re-install Windows 95, Windows 98 or Windows NT.
End

Technical Support

Dear Customers:

Thanks of choosing AOpen products. Provide best and fast service to our customer is our first priority, but we receive numerous emails and phone calls worldwide everyday, it is very hard for us to serve everyone on time. We recommend you follow below procedures to seek help before contact us. With your help, we can then continue to provide the best quality service to more customers.

Thanks very much of your understanding!
AOpen Technical Supporting Team

- **Online Manual:** The complete manual is in the companion CDROM – AOpen Bonus Pack. You can choose "Online Manual" item from the autorun program to see the electronic files, or you can open the file X:\Ax6bc\Manual\English\content.pdf. (Where X: means your CDROM drive letter.)
- **Test Report:** There is a detail compatibility and reliability test report in AOpen Bonus Pack and web page http://www.aopen.com.tw/tech/report/default.htm. It is recommended to choose card/device from this list. To see the test report, please choose "Test Report" item from the autorun program or open the file X:\Homepage\tech\report\default.htm.
- **FAQ:** This AOpen Bonus Pack CD disc includes a lot of FAQs (Frequently Asked Questions). To read these FAQs, please choose "FAQ" item from the autorun program or open the file X:\Homepage\tech\faq\default.htm.
- **AOpen Homepage:** There is a lot of useful information in our web site, such as jumper settings, latest BIOS, drivers, and more FAQs. Visit our homepage to see if there is the answer of your problem.

  Taiwan http://www.aopen.com.tw
  USA http://www.aopenusa.com
  Europe http://www.aopen.nl
- **AOpen News Group:** There are many news groups discussing AOpen products, your problem probably had been answered by our support engineer or professional users on these news groups. You may jump into these groups from **http://www.aopen.com.tw/tech/readnews.htm**, or subscribe these news groups from our free news server **news.aopen.com.tw**.
- **Contact Distributors/Resellers:** We sell our products through resellers and integrators. They should know your system configuration very well and should be able to solve your problem more efficiently than us. We believe they will be very glad to serve you. After all, their attitude of service is an important reference for you if next time you want to buy something else from them.
- **Contact Us:** If the problem still can not be solved, contact us for seeking technical support from http://www.aopen.com.tw/tech/techglb.htm.

概觀

規格:

CPU	Intel Pentium II / Pentium III / Celeron CPU
晶片組	Intel 440 BX AGPset
擴充槽	ISA x 3，PCI x 5 與 AGP x 1。
快取記憶體	內建於 CPU 卡上。
主記憶體	DIMM x 3，最大容量爲 768MB。
BIOS	AWARD Plug-and-Play，2M bit Flash ROM BIOS。
內建 I/O 介面	Serial Port x 2，FDD x 2，UDMA/33 IDE x 2 與 USB x 2。
主機板大小	305 mm x 202 mm

主要特性:

- ❑ 免調 Jumper 設計
- ❑ 不需使用電池
- ❑ 完整的 CPU 核心電壓支援能力
- ❑ 可支援 100 MHz CPU 外頻 (提供 153 MHz 外頻)
- ❑ 瞬間開機 (Suspend To Hard Drive)
- ❑ AGP 同步功能
- ❑ 斷電自動回復
- ❑ 免電源數據機遙控開機
- ❑ 網路遙控開機
- ❑ 設定自動開機時間
- ❑ 同步交換式 CPU 穩壓線路
- ❑ 過電流保護電路
- ❑ CPU 與機殼風扇監控
- ❑ CPU 過熱保護
- ❑ 系統電壓監控
- ❑ Sound Blaster Link
- ❑ 支援 DMI 功能
- ❑ BIOS 病毒防護
- ❑ FCC DoC 與 CE 認證
- ❑ 強大的應用軟體支援 (含 Norton Antivirus)

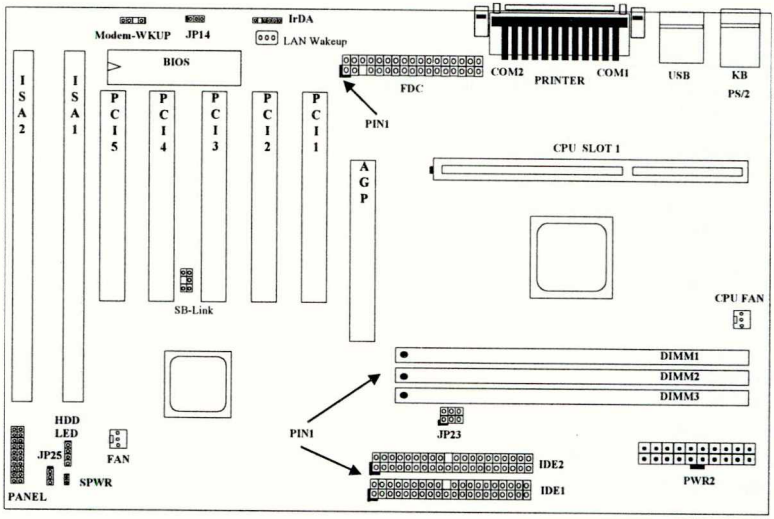
請注意： <快速安裝指南>只是重點式列出一些注意事項，若需要較詳細的說明，請您參閱 AOpen Bonus Pack 光碟中的 <使用手冊> 電子檔。

產品包裝確認

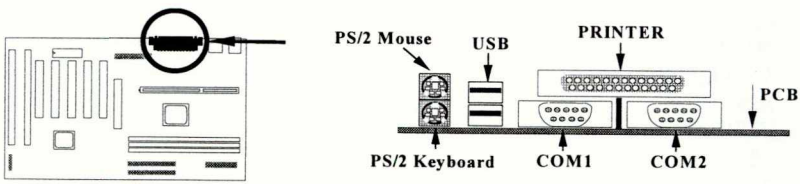
打開包裝盒後，請先檢查產品的附件是否完整。

- ☑ 主機板
- ☑ IDE 排線 (1)
- ☑ 軟碟排線 (1)
- ☑ CPU 固定架 (1)
- ☑ AOpen Bonus Pack 光碟片 (1)
- ☑ Quick Installation Guide (1)

Jumper 與連接頭相對位置:



後方面板:



Jumpers:

JP14:	請除 CMOS
JP23:	AGP Turbo
JP25:	APAR

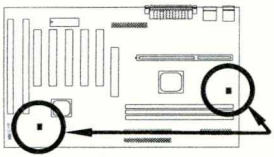
連接頭:

PWR2:	ATX 電源接頭
FDC:	軟碟接頭
IDE1:	第一組 IDE1 連接頭
IDE2:	第二組 IDE2 連接頭
CPUFAN:	CPU 風扇接頭
FAN:	機殼風扇接頭
IrDA:	IrDA (紅外線) 接頭
HDD LED:	HDD LED 接頭
PANEL:	前方面板連接頭
SPWR:	ATX Soft-Power Switch 接頭
MODEM-WKUP:	Modem Wake Up 接頭
LAN-WKUP:	LAN Wake Up 接頭
SB-LINK:	Creative PCI 音效卡接頭

硬體安裝

請按照以下步驟來安裝主機板。

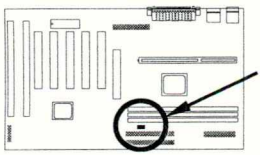
1. 安裝 CPU 與連接 CPU 風扇

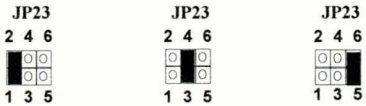


這塊主機板上有 **CPUFAN** 與 **FAN** 兩個 3-pin 的風扇接頭。一個可以連接 CPU 風扇；另一個可以連接機殼風扇。這兩個接頭都支援風扇監控功能。

2. 設定 AGP 頻率

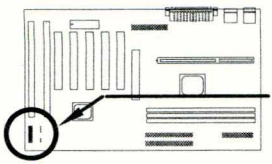
本主機板可以強制 AGP 卡與 CPU 100 MHz (甚至更高) 外頻同步，以提昇系統效能。不過需注意的是，AGP 的規格最高只可至 66Mhz clock，這麼做可能會因超出規格，而使系統產生不穩的狀況。因此我們建議您使用此功能前，應仔細評估 AGP 卡的超頻能力。有些 AGP 卡會因無法承受 100MHz 外頻而導致超頻失敗。

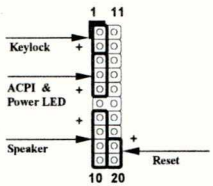




3. 連接前方面板

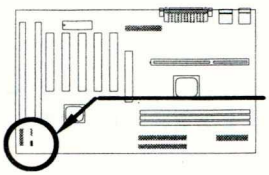
前方面板接頭爲 20-pin 排針，標示成 **PANEL**。此排線接頭可接 ACPI & Power LED 指示燈，鍵盤鎖 (keylock)，重新開機 (reset) 按鈕，喇叭 (speaker) 等。您可以依右圖來安裝。若您有在 BIOS 中設定 "suspend mode"，則當進入 suspend 模式時，ACPI & Power LED 指示燈便會開始閃爍。





4. 連接 ATX 電源線與 ATX Soft-Power 接頭

ATX soft-power switch 連接頭是 2-pin 的。請先從 ATX 機殼的前方面板上找出標示爲 "power switch" 的 4-pin 連接線，然後連接主機板上的 soft-power switch 連接頭 (標示爲 **SPWR**)。



SPWR

5. 插上 DRAM, FDC 排線與 IDE 排線

注意 pin1 的方向，插錯方向可能會使系統損毀。請參閱第 2 頁的附圖。

6. 打開電源並 Load BIOS Setup Default

要進入 BIOS Setup，可在開機的第一個畫面，系統自我檢測 (Power-On Self Test，POST) 時按下 DEL 。然後選取 "Load Setup Defaults" 以載入最適當的設定值。最好不要使用 "Load Turbo Defaults"，除非您確信您的系統元件 (CPU, DRAM, HDD 等) 能夠承受得住。有關 BIOS 設定的詳細資訊，請參閱 AOpen Bonus Pack 中的線上手冊。

7. 設定 CPU 核心電壓

這塊主機板支援 Pentium II/Pentium III/Celeron VID 功能，可以自動偵測 CPU 核心電壓，其範圍是 1.3V 到 3.5V。

8. 設定 CPU 頻率

要設定 CPU 頻率，可由
BOIS Setup → Chipset Features Setup → CPU Clock Ratio
BOIS Setup → Chipset Features Setup → CPU Clock Frequency

Ratio	1.5x, 2x, 2.5x, 3x, 3.5x, 4x, 4.5x, 5x, 5.5x, 6x, 6.5x, 7x, 7.5x 與 8x
External Bus Clock	66.8, 68.5, 75, 83.3, 100, 103, 112, 117, 124, 129, 133.3, 138, 143, 148 與 153 MHz

Core frequency = Ratio * External bus clock

INTEL Pentium II	CPU Core Frequency	Ratio	External Bus Clock
Pentium II 233 (Klamath)	233MHz =	3.5x	66MHz
Pentium II 266 (Klamath)	266MHz =	4x	66MHz
Pentium II 300 (Klamath)	300MHz =	4.5x	66MHz
Pentium II 333 (Deschutes)	333MHz =	5x	66MHz
Pentium II 350 (Deschutes)	350MHz =	3.5x	100MHz
Pentium II 400 (Deschutes)	400MHz =	4x	100MHz
Pentium II 450 (Deschutes)	450MHz =	4.5x	100MHz
Pentium III 450 (Katmai)	450MHz =	4.5x	100MHz
Pentium III 500 (Katmai)	500MHz =	5x	100MHz
Celeron 266	266MHz=	4x	66MHz
Celeron 300	300MHz=	4.5x	66MHz
Celeron 300A	300MHz=	4.5x	66MHz
Celeron 333	333MHz=	5x	66MHz

提示： 如果您的系統因爲超頻而當掉或無法開機，可以用 <Home> 鍵來清除 CMOS。方法是按住 <Home> 鍵然後開啓電源開關，這樣系統就會自動將 CPU 設爲 233MHz。接下來，您可再依實際狀況，進入 BIOS Setup 設定 CPU 頻率。

警告： INTEL 440BX 晶片組最高可支援 100MHz CPU 外頻，103、112 與 133.3MHz 僅供內部測試用。**這些設定值已超出 BX 晶片組的規格，可能會對系統造成損害。**

以下列出的部分僅供參考，您不一定會用的到。

消除 Win95 中的問號

由於 Win95 推出的時間比較早，無法辨認這個晶片組，所以控制台的裝置管理員中會出現問號。您可以從 AOpen Bonus Pack 中執行 AOchip.exe 來消除這個問號。

安裝 Bus Master IDE Driver

您不一定要安裝 Bus Master IDE driver。但若您需要這個 driver，可以從 AOpen Bonus Pack CDROM 或我們的網站上取得。請直接執行 setup.exe 來安裝此程式。

警告: 安裝 Bus Master IDE driver 可能會造成 Suspend to Hard Drive 功能無法正常使用。

如何升級 BIOS?

AOpen Easy Flash 比傳統的 flash 方式簡易，您只要執行一個可執行檔，就可以完成 flash 程序。

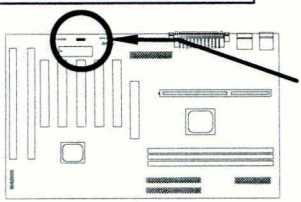
1. 從 AOpen 網站取得 BIOS 升級程式，例如 AX6BC200.EXE。
2. 由 A 磁碟以 DOS 開機片開機，並且請勿執行各種記憶體管理程式 (如 EMM386) 或 driver。這需要大約 520K 的可用記憶體空間。
3. 執行 A:> AX6BC200
   在 FLASH 的過程中，請切勿關機。
4. 完成燒錄，請關閉電源並重新開機。
5. 進 BIOS Setup 重新選定 "BIOS SETUP DEFAULT" 選項，再調整成原先的設定值。然後選擇 "Save & Exit"，到此就大功告成啦！

附註: 升級到新的 BIOS 後，原先的 BIOS 設定與 Win95/Win98 PnP 資訊將需要更新，所以您可以必須重新設定系統。

如何清除 CMOS

JP14	清除 CMOS
1-2	正常狀態 (預設)
2-3	清除 CMOS

如果您忘記所設定的系統密碼時，必須先將此 Jumper 設爲 2-3，清除並重設 CMOS 的設定值後，才能重新開機。



正常狀態 (預設)　　清除 CMOS

1. 請確定電腦的電源已關掉。
2. **從 PWR2 接頭上將 ATX 電源線拔掉。**
3. 依據 Jumper 配置圖找出 **JP14** 所在的位置。
4. 將塑膠帽蓋 (方塊) 取下來，改套到 2-3 腳位上。
5. 一會兒時間後，取下塑膠帽蓋重新套回到 1-2 腳位上，恢復正常操作狀態。

硬體監控

安裝 Hardware Monitoring Utility 可以監控 CPU 溫度、風扇與系統電壓等。詳細資訊，請參閱 AOpen Bonus Pack CDROM 中的線上手冊。

瞬間開機 (Suspend to HDD)

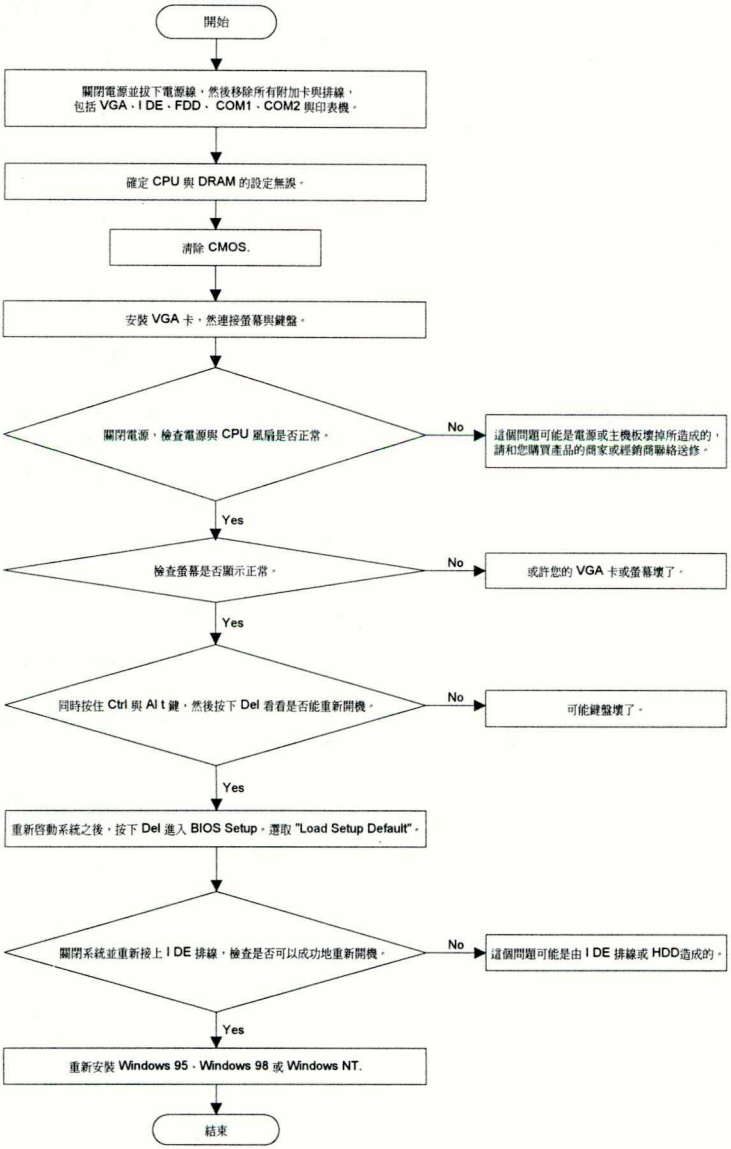
運用這項功能，開機時不再需要花那麼長的時間重新載入 Win95、Office 或其它軟體了，而可以直接恢復原先關機之前的狀態，省去載入作業系統及應用程式的麻煩。詳細資訊，請參閱 AOpen Bonus Pack CDROM 中的線上手冊。

超頻

有關超頻的相關資訊，請參閱線上手冊。

疑難排解

若發生無法開機的狀況，請先依照以下步驟尋求解決方法。



技術支援

AOpen 的愛用者，您好：

感謝您選用 AOpen 的產品。提供顧客更好、更迅速的服務一向是我們的首要之務，然而我們每天所收到的 email 與電話相當多，所以可能很難馬上處理您的問題。若您對產品的使用有任何問題，我們建議您在直接與我們聯絡之前，先依照以下的程序尋求解決方法，或許這樣可以比較快得到答案。

謝謝您的合作與支持，
AOpen 技術服務部

- **線上手冊:** 隨附的光碟片 – AOpen Bonus Pack 中附有完整的線上手冊，您可以從 Autorun 選單選取 "Online Manual"，或者直接開啓檔案 X:\Ax6bc\Manual\English\content.pdf (X:表示您的光碟機)。
- **測試報告:** AOpen Bonus Pack 與我們的網站上 http://www.aopen.com.tw/tech/report/default.htm 有一份詳細的產品測試報告，建議您依據這個列表來選購週邊設備。要參閱這些測試報告，可以從光碟片的 autorun 選單選取 "Test Report"，或直接打開檔案 X:\tech\report\default.htm。
- **FAQ:** AOpen Bonus Pack CDROM 中包含許多 FAQ (Frequently Asked Questions)。要閱讀這些 FAQ，請由 Autorun 選單選取 "FAQ"或開啓檔案 X:\Homepage\Tech\Faq\Default.htm。
- **AOpen 網站:** 我們的網站上有許多有用的資訊，像是 jumper 設定、最新的 BIOS、驅動程式，與 FAQ。

  台灣 http://www.aopen.com.tw

  美國 http://www.aopenusa.com

  歐洲 http://www.aopen.nl
- **AOpen 新聞群組:** 有幾個專門討論 AOpen 產品的新聞群組，您的問題也許已經有人提過，並經過我們的工程師或其它 DIY 高手解答了。您可以由 **http://www.aopen.com.tw/tech/readnews.htm** 進入這些群組，或者由 **news.aopen.com.tw** 訂閱。
- **聯絡經銷商:** 我們的產品都是透過經銷商與店家銷售的，他們應該比我們更瞭解您系統的組態，解決問題也應更有效率。此外我們也相信他們應該很樂於幫您服務，畢竟他們服務態度的好壞，將是您以後是否再跟他們購買產品的決定因素。
- **與我們聯繫:** 若問題仍然無法解決，您可以由 http://www.aopen.com.tw/tech/techglb.htm 尋求技術支援

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